

Converting Colors

YUV(185.4590, 20.9727,
39.9395)

Have a look what the booklet for
YUV(185.4590, 20.9727, 39.9395)
contains.

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Color

**YUV(185.4590, 20.9727,
39.9395)**

Conversions

Conversions Part 1

Format	Color
Hex	E79AE4
RGB	231, 154, 228
RGB Percent	91%, 60%, 89%
CMY	0.0941, 0.3961, 0.1059
CMYK	0.00, 0.33, 0.01, 0.09
HSL	302°, 62%, 75%
HSV	302°, 33%, 91%
XYZ	58.5142, 45.7016, 79.1360
YIQ	185.4590, 22.1380, 39.3380

Conversions

Conversions Part 2

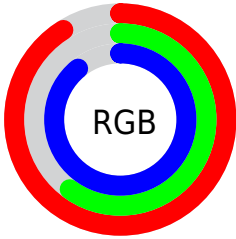
Format	Color
R_{YB}	231, 154, 228
Decimal	15178468
CIE _{Lab}	73.35, 40.21, -25.76
CIE _{LCh}	73, 47.758, 327.352
Yxy	45.7016, 0.3191, 0.2493
Android (android.graphics.Color)	4293368548 (0xFFE79AE4)
YUV	185.4590, 20.9727, 39.9395
Hunter-Lab	67.6029, 36.1968, -22.0829

Details

The YUV color **185.4590, 20.9727, 39.9395** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **199.5410, -20.9727, -39.9395**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9980, 13.3120, 23.6808**, and **130.9210, 20.2519, 37.7803** is the 20% darker color. If you saturate the color by 10%, you get **171.8440, 27.1919, 51.8798**, and if you desaturate by 10%, it is **199.0740, 14.7535, 27.9991**.

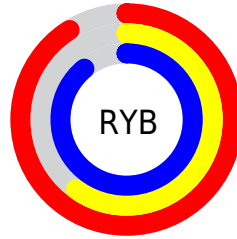
Distribution



Red (91%)

Green (60%)

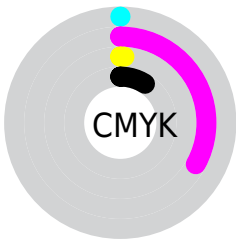
Blue (89%)



Red (91%)

Yellow (60%)

Blue (89%)

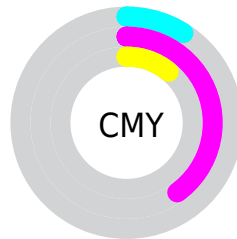


Cyan (0%)

Magenta (33%)

Yellow (1%)

Black (9%)



Cyan (9%)


Magenta (40%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 185.4590, 20.9727, 39.9395 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 185.4590, 20.9727, 39.9395 by changing the saturation by 10% instead.


 185.4590, 20.9727,
39.9395


 185.4590, 20.9727,
39.9395


255.0000, 0.0000,
0.0000


 157.7470, 20.8307,
38.8099


 227.9980, 13.3120,
23.6808


 130.9210, 20.2519,
37.7803

 245.0210, 4.9196,
8.7516

 105.2090, 20.1100,
36.6507

 79.4970, 19.9680,
35.5211

 53.6110, 20.4048,
35.4212

 28.7250, 20.8416,
35.3212

 19.2260, 14.1856,

23.4808

■ 6.9650, 9.8773,
5.2927

■ 0.0000, 0.0000,
0.0000

■ 185.4590, 20.9727,
39.9395

■ 185.4590, 20.9727,
39.9395

■ 171.8440, 27.1919,
51.8798

■ 199.0740, 14.7535,
27.9991

■ 158.2290, 33.4111,
63.8202

■ 212.6890, 8.5343,
16.0587

■ 144.6140, 39.6303,
75.7605

■ 226.3040, 2.3151,
4.1184

■ 130.9990, 45.8495,
87.7009

■ 239.9190, -3.9041,
-7.8220

■ 116.7970, 52.3581,
100.1560

■ 245.3160, -6.0718,
-12.5551

■ 103.2960, 59.0141,
111.9964

■ 245.4300, -5.6350,
-12.6551

■ 94.3770, 62.9181,
119.8184

■ 245.5440, -5.1982,
-12.7551

■ 245.6580, -4.7614,
-12.8551

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



182.0820, 35.9486, -3.5799



185.4590, 20.9727, 39.9395



182.5640, 1.6939, 63.5264

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



185.4590, 20.9727, 39.9395



176.4760, -42.1397, 29.4005



143.5400, 37.2018, -125.8846

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



185.4590, 20.9727, 39.9395



199.5410, -20.9727, -39.9395

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



144.7920, 14.8925, -110.3196



185.4590, 20.9727, 39.9395



172.5640, -35.7741, -5.7566

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



185.4590, 20.9727, 39.9395



179.6610, -35.8219, 56.4253



164.9470, -16.7359, -45.5575



144.4810, 53.4999, -126.7098

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



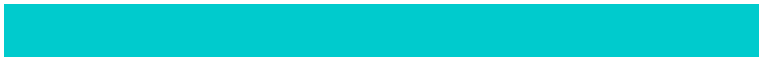
185.4590, 20.9727, 39.9395



179.1440, -11.4100, 66.5257



164.9470, -16.7359, -45.5575



142.5310, 30.7972, -124.9997

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



185.4590, 20.9727, 39.9395



240.2110, 6.7980, 12.9700



163.6750, 33.1912, -5.8540



118.4940, 4.1935, 8.3368



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



185.4590, 20.9727, 39.9395



194.6700, 27.7707, 52.9094



181.1270, 4.3744, 43.7386



107.8420, 3.0359, 6.2776



73.1290, 48.7434, 92.8489



20.8350, 13.8853, 26.4547

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



185.4590, 20.9727, 39.9395



194.6700, 27.7707, 52.9094



203.8730, -4.3744, -43.7386



107.8420, 3.0359, 6.2776



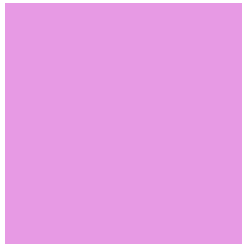
73.1290, 48.7434, 92.8489



20.8350, 13.8853, 26.4547

Previews

White Background



This preview shows how the YUV color 185.4590, 20.9727, 39.9395 looks on a white background.

Color Contrast Check

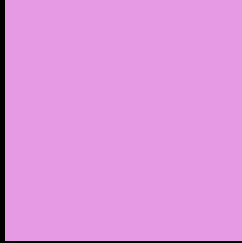
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 185.4590, 20.9727, 39.9395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

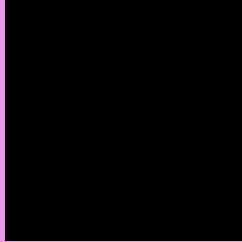
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 185.4590, 20.9727, 39.9395

Background



This preview shows how black text looks on a background with the YUV color 185.4590, 20.9727, 39.9395.



This preview shows how white text looks on a background with the YUV color 185.4590, 20.9727,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

185.4590, 20.9727, 39.9395

Protanopia

180.6690, 32.2082, -17.2497

Deuteranopia

182.0590, 20.6769, -5.3137



Tritanopia

183.4220, -3.1660, 35.5869

Trichromacy



Original Color

185.4590, 20.9727, 39.9395



Protanomaly

182.0630, 28.0699, 3.4527



Deuteranomaly

183.4570, 20.4807, 11.0002



Tritanomaly

184.1370, 5.8485, 37.5909

Monochromacy



Original Color

185.4590, 20.9727, 39.9395



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

185.4500, 7.6662, 14.5144

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.4590, 20.9727, 39.9395 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(231, 154, 228)` looks like.

```
.text, #text, p{  
    color:rgb(231, 154, 228)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(231, 154, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 154, 228) }
```

Border

The CSS property to change the border of an element to YUV 185.4590, 20.9727, 39.9395 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(231, 154, 228) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(231, 154, 228) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(231, 154, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 154, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 154, 228);  
box-shadow:4px 4px 4px 4px rgb(231, 154,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 185.4590, 20.9727, 39.9395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 154, 228) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(231,  
154, 228) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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